

## **STRUCTURE AND METHOD FOR SUPPORTING A FLEXIBLE SUBSTRATE**

### **ABSTRACT OF THE INVENTION**

5           A flexible liquid crystal display (LCD) substrate support  
structure and a method of supporting a flexible LCD substrate during  
fabrication have been provided. The method forms channels or  
trenches in-between a rigid support substrate and the flexible LCD  
substrate. A vacuum is created in the channels or trenches to pull  
10       adhesive in. The adhesive formed in this manner contains no air or  
water bubbles whose expansion in subsequent LCD fabrication  
processes can destroy the integrity of thin film transistor films formed  
on the flexible LCD substrate.

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